

METAMORPHOSIS OF PASSWORD

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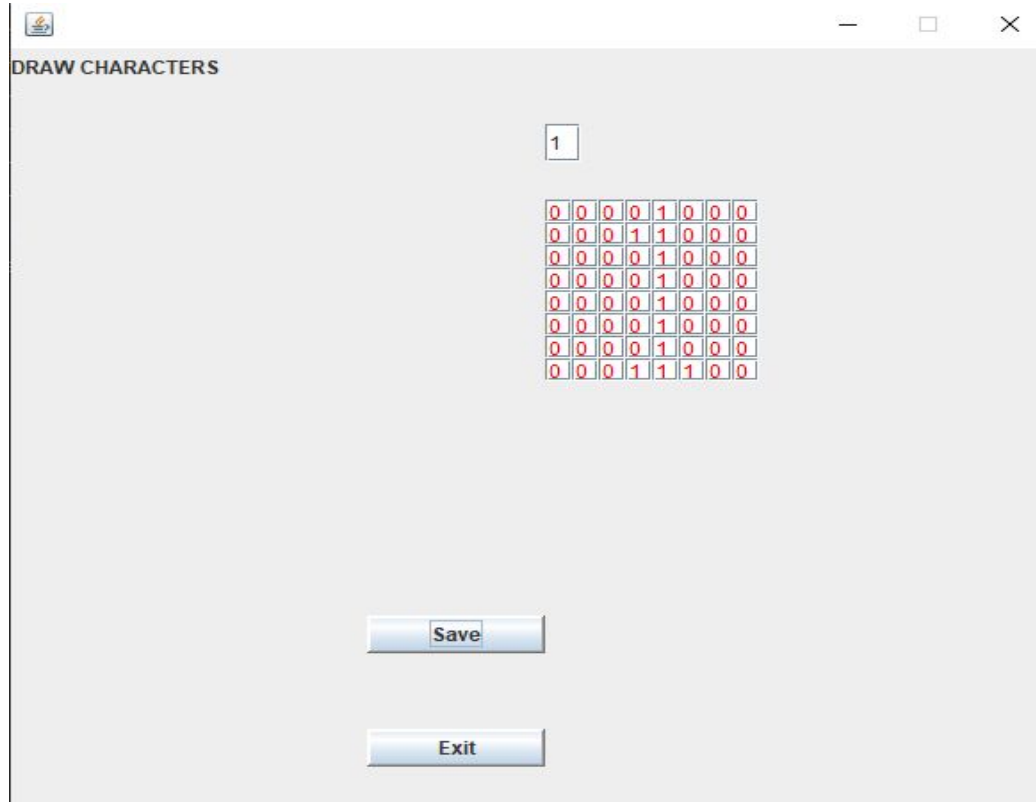
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PROJECT DESCRIPTION

- The project is to develop a password transmission scheme by rasterizing the characters in the password and sending it in different byte order based on generated random number.
- Raster is $8 * 8$ dots. That is 8 bytes.
- Dots for each character is stored as 8 bytes in a random file.
- Password is never sent to the server.
- During both registering and login, rasterized image is sent to the server.
- The order in which the bytes are sent will differ according to a random number.
- On entering the password, the client calculates the order in which, client has to send the bytes, based on a random number.
- The server arranges the byte received into scrambled order, in both cases of registering and logging in based on the information stored in the upper nibble of each byte.
- During registration, the bytes are written into a file, the name of which is the user id. On login, the received bytes are compared with the bytes read from the file.

User Interface



DEVELOPING ENVIRONMENT

- Operating system: Windows 7
- Language: Java (version :14.17)

PRODUCT BACKLOG

User story ID	Priority <High/Medium/Low>	Size (Hours)	Sprint <#>	Status <Planned/In progress/Completed>	Release Date	Release Goal
1	Medium	12	1	Completed	11/01/2022	Character Design
2	High		2	Planned		Front end
3	High		3	Planned		Back end

PROJECT PLAN

ID	Task Name	Start Date	End Date	Days	Status
1	Sprint 1	22/12/2021	03/01/2022	13	Completed
3	Sprint 2				Planned
4	Sprint 3				Planned

SPRINT BACKLOG PLAN

Backlog Item	Status & completion date	Original estimate in hours	Day1 25/12	Day2 26/12	Day3 27/12	Day4 28/12	Day5 29/12	Day6 30/12	Day7 31/12	Day8 01/01	Day9 02/01	Day10 03/01	Day11 04/01	Day12 05/01	Day13 06/01	Day14 07/01
UI designing	25/12/2021	6	1	0	3	2	0	0	0	0	0	0	0	0	0	0
Coding	01/01/2022	12	0	0	0	0	3	2	0	3	0	1	3	0	0	0
Testing	03/01/2022	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0
TOTAL		22	1	0	3	2	3	2	0	3	0	1	3	2	2	0

SPRINT BACKLOG ACTUAL

Backlog Item	Status & completion date	Original estimate in hours	Day1 25/12	Day2 26/12	Day3 27/12	Day4 28/12	Day5 29/12	Day6 30/12	Day7 31/12	Day8 01/01	Day9 02/01	Day10 03/01	Day11 04/01	Day12 05/01	Day13 06/01	Day14 07/01
UI designing	25/12/2021	6	1	0	3	2	0	0	0	0	0	0	0	0	0	0
Coding	01/01/2022	12	0	0	0	0	3	2	0	3	0	1	3	0	0	0
Testing	03/01/2022	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0
TOTAL		22	1	0	3	2	3	2	0	3	0	1	3	2	2	0

Thanks!
